CLAIMS

1. A method of forming a tube comprising the steps of:
positioning the tube in a first position;
forming an indentation on the tube with a mold;
moving the tube to a second position relative to the mold; and
releasing the mold from the tube.

2. The method as recited in claim 1 further including the step of repeating the step of forming an indentation.

3. The method as recited in claim 1 wherein the step of moving occurs before the step of releasing.

4. The method as recited in claim 1 wherein the step of moving occurs after the step of releasing.

5. The method as recited in claim 1 wherein the step of moving includes rotating the tube relative to the mold and translating the tube relative to the mold.

6. The method as recited in claim 5 wherein the step of moving occurs after the step of releasing.

7. The method as recited in claim 1 wherein the step of moving includes translating the tube relative to the mold.

8. The method as recited in claim 7 wherein the step of moving occurs after the step of releasing.

9. The method as recited in claim 5 further including the step of repeating the step of forming an indentation, wherein the step of rotating includes rotating the tube relative to the mold between approximately 5 to 10° between each of the step of repeating.

10. The method as recited in claim 1 wherein the tube includes an end portion, and the end portion has a substantially circular cross-section.

11. The method as recited in claim 1 wherein the mold includes a roller that engages the tube, and the step of moving the tube forms a groove on the tube as the roller engages the tube.

12. The method as recited in claim 11 wherein the step of moving includes rotating and translating the tube relative to the mold.

13. The method as recited in claim 11 wherein the step of moving includes translating the tube relative to the mold.

14. The method as recited in claim 11 wherein the mold includes a plurality of rollers.

15. A heat exchanger comprising:

a plurality of tubes, each of said plurality of tubes including a body portion and a plurality of indentations; and

a shell portion surround said plurality of tubes.

16. The heat exchanger as recited in claim 15 wherein a first fluid flows through said plurality of tubes and a second fluid flows through the shell, and the first fluid exchanges heat with the second fluid.

17. The heat exchanger as recited in claim 16 further including a valve controls a flow of the first fluid into said plurality of tubes.

18. The heat exchanger as recited in claim 15 wherein the plurality of indentations are substantially parallel to a flow of a fluid through each of the plurality of tubes.

19. The heat exchanger as recited in claim 15 wherein each of the plurality of tubes has opposing end portions having a substantially circular cross-section.